FEB 2 5 2002 F INFORMATION DISCLOSURE CITATION

ATTY DOCKED, NO.: MED/US-12 INVENTOR: William F. Avrin, et al.

FILING DATE: 10/29/2001

SERIAL NO.: 10/017,913 EXAMINER: Unknown

**GROUP: 3737** 

COPY OF PAPERS ORIGINALLY FILED

## **U. S. PATENT DOCUMENTS**

Examiner	Cite	Document	Kind Code <sup>2</sup>	Patentee Name or	Document Date	Relevant Passag (if appropriate)	
Initial	No.1	Number	Code	Applicant Name  McCormick	02/1984	(ir appropriate)	世
	AA	4,431,005	<del> </del>		11/1987	<del>  \                                   </del>	MAR 1 2002 TECHNOLOGY CENTER RATIO
	AB	4,709,213		Padhrasky	01/1989	<del>  \                                   </del>	MAR C
	AC	4,801,882	ļ	Daalmans		<del>                                     </del>	- <u>S</u>
	AD	4,827,217		Paulson	05/1989	<del>                                     </del>	CEN 20
	AE	4,837,489	<u> </u>	McFee	06/06/1989	<del>                                     </del>	2002 CENTER
	AF	4,969,469		Mills	08/1993	<del> </del>	E 2
	AG	5,057,095	ļ	Fabian	10/1991	-	<u>z</u>
	AH	5,099,845		Besz, et al.	03/1992	1.	8
	AI	5,105,829		Fabian, et al.	04/1992		
	AJ	5,107,862		Fabian, et al.	04/1992		·
	AK	5,188,126		Fabian, et al.	02/1993		
	AL	5,190,059		Fabian, et al.	03/1993		
	AM	5,233,992		Holt, et al.	08/1993		
	AN	5,268,165		Hedlund, et al.	12/1993	<u> </u>	
	AO	5,305,751		Chopp, et al.	04/1994		
	AP	5,322,682		Bartzokis, et al.	06/1994	\	
	AQ	5,353,807		DeMarco	10/1994		
	AR	5,384,109		Klaveness, et al.	01/1995		
	AS	5,408,178		Wikswo, et al.	04/1995	1	
	AT.	5,425,382		Golden, et al.	06/1995		
	AU	5,456,718	1	Szymaitis	10/1995		
<del></del>	AV	5,469,056		Eschner, et al.	11/21/1995		
	AW	5,494,033		Buchanan, et al.	02/1996		
<del> </del>	AX	5,494,035		Leuthold, et al.	02/27/1996		
	AY	5,558,091		Acker, et al.	09/1996		
	AZ	5,686,836	<del> </del>	Sasada et al.	12/1998		
	BA	5,709,225	-	Budgifvars, et al.	01/20/1998		
	BB	5,735,279	<del> </del>	Klaveness, et al.	04/1998		
<del>+</del>	BC	4,042,876		Visioli	08/16/1977		
	BD	5,610,518		Chamberlain, IV	03/11/1997		
	BE	5,689,184	<del> </del>	Jeffers, et al.	11/18/1997		
	BF	5,705,924	+	Jeffers	01/06/1998	1	
		<del></del>		Smith, et al.	05/26/1998		
	BG	5,757,183		Minakuchi, et al.	09/28/1999		
<del>                                     </del>	BH	5,957,847	-	Sasada et al.	12/1998		
<del> </del>	BI	5,686,836	<del> </del>		06/06/1989		
1 AH	BJ	4,837,489	<del> </del>	McFee	04/18/1995		
	BK	5,408,178	-	Wikswo, Jr., et al.			
	BL	5,494,035	<b> </b>	Leuthold et al.	02/27/1996		
L	BM	5,509,412	<u> </u>	Bahn	04/23/1996		
11	BN	5,709,225		Budgifvars, et al.	01/20/1998	1	

## FEB 2 5 2002

## FOREIGN PATENT DOCUMENTS

- <b>3</b>		Wr.	A.A.					
Examiner	Cite	Office	THA Coment	Kind	Patentee Name or	Document	Relevant Passages or Figures	
Initial	No.	Code <sup>3</sup>	Number <sup>4</sup>	Code <sup>5</sup>	Applicant Name	Date	(if appropriate)	T <sup>6</sup>
0/	ВО		WO96/05768		Ben-Haim, et	02/29/1996	1	
1					al.			الالا
- 6	BP		GB2262606		Radiodetection	06/23/1993		
					Ltd.			
	BQ		GB2204133		McCormick	11/02/1988	# 7	
	`				Lab Inc.		THE STATE OF THE S	
	BR		DE4436078		Dornier GMBH	04/11/1996	/ 多 第 (	
1	BS		EP0481211		ĮВМ	04/22/1992	8 1	7
24	BT		EP0695531			07/02/1996	9 2	F
		-		OT	HER DOCUMENT	<u>ΓS</u>	202	K
							9	

241	BT	EP0695531 07/02/1996 9 2
		OTHER DOCUMENTS
Examiner	Cite	Document (Including Author in CAPITAL LETTERS, Title of Article, Title of Pub., Date, Pages, Vol., Issu
Initial	No.	Information Publisher, City/Country where published) 8 T
M.	BU	AVRIN, W.; Improved Nondestructive Evaluation of Deep, Inaccessible Flaws in Metal Structures; National Science Foundation Phase I final Report; pp. 1-29; December, 1995.
	BV	AVRIN, W.; Magnetoresistive Eddy-Current Sensor for Detecting Deeply Buried Flaws;
		Progress in Quantitative Nondestructive Evaluation, Vol. 15; Proceedings of Conference
		in Seattle; pp. 1-6; July 30-August 4, 1995.
1	BW	BASTUSCHECK, C.M.; Technique for Measuring the AC Susceptibility of Portions of
		the Human Body or Other Large Objects; J. Appl. Phys. 58(10), pp. 3896-3906,
		November, 1985.
	BX	BRITTENHAM, GARY M., ET AL.; Hepatic Iron Stores and Plasma Ferritin
		Concentration in Patients With Sickle Cell Anemia and Thalassemia Major; American
1		Journal of Hematology; July 23, 1992; pp. 81-85; Vol. 42; Wiley-Liss, Inc.
	BY	BRITTENHAM, GARY M., ET AL.; Magnetic-Susceptibility Measurement of Human
		Iron Stores; The New England Journal of Medicine; Dec. 30, 1982; pp. 1671-1675; Vol.
		307 No. 27;
	BZ	BRYDEN, F.M.; Real Time Ultrasound in the Assessment of Intraocular Foreign Bodies;
		Eye 4, pp. 727-731; (1990).
	CA	COSTA MONTEIRO, E.; Magnetic Measurement Techniques for Locating Foreign
		Bodies in Humans; Tenth International Conference on Biomagnetism, p. 314 (1996).
	СВ	FARRELL, ET AL., Magnetic Measurement of Human Iron Stores, IEEE Transactions on
		Magnetics, Vol. MAG-16, No. 5, pp. 818-823, (1980).
	CC	FINN, E.J., Ferromagnetic Materials in Patients: Detection Before MR Imaging;
		Radiology 156, pp. 139-141 (1985).
	CD	FISCHER, R. ET AL.; Liver Iron Quantification in the Diagnosis and Therapy Control of
		Iron Overload Patients; Biomagnetism Clinical Aspects; 1992; pp. 585-588; Elsevier
		Science Publishers.
	CE	FISCHER, R., ET AL.; The Calibration Problem in Liver Iron Susceptometry; Advances
		in Biomagnetism; date unknown; pages 501-504.
	CF	GREENBLATT, R.E.; Probabilistic Reconstruction of Multiple Sources in the
		Bioelectomagnetic Inverse Problem; Inverse Problems 9, pp. 271-284 (1992).
	CG	KANAL, E.; Aneurysm Clip Testing for Ferromagnetic Properties: Clip Variability
<b>A</b> \		Issues; Radiology, pp. 576-578; (1995).
	CH	MENTOR CORPORATION; The Detector, Injection Port Detection System; Brochure, 6
91	CH	
V	<u> </u>	pp. (1996).

		\.			
		1	CI	PAULSON, D.N.; Bis Lagnetic Susceptometer with SQUID Instrumentation; IEEE	_
		JH -	CI	<u> </u>	
	ં ન	ĺ	CJ	PAULSON, D.N.; The Hamburg Biosuscentometer for Liver Inc. O. 110	_
			ļ	1 1 10 various in Diomagnenism nn 49/-100 (data unimo)	
ا		_	CK	SCHULZ, B., ET Al.: Probability-Rasad Current Divil I	_
<b>~</b> \	P 5	10.	1	Fields; IEEE Transactions on Riomedical Engineering V. J. 41. 23	
9	- 1	1		Fields; IEEE Transactions on Biomedical Engineering; Vol. 41, No. 8; pp. 735-742;	
	2	2002	MCL	SEKIHARA K ET AL : Poduction of D. : N	
FEB	4 4	ZUUZ		SEKIHARA, K., ET AL.; Reduction of Brain Noise Influence in Evoked Neuromagnetic	
.	$\dashv$		СМ	The second distriction of the state of the second s	
<b>%</b>	TRAS	EMAL	CIVI	Tomography C. M. Willy Relic Miscontibility Tomography C. Till D.	-
7				The state of the s	
-	-+			T	
	- [	- 1	CN	SHELLOCK, F.G.; Magnetic Resonance: Bioeffects, Safety and Deticat Management	_
L				1 ( 1 > > 0 ).	
	1		CO	SMITH, N.; A High-Sensitivity Magnetoresistive Magnetometer; J. Appl. Phys. 69 (8); pp.	
				5052-5084; (1991). Magnetoresistive Magnetometer; J. Appl. Phys. 69 (8); pp.	
			CP	SCHOLZ B. Probability Passed Co Di L.	
	- 1	1		SCHOLZ, B., Probability-Based Current Dipole Localization from Biomagnetic Fields,	
1			CQ	Landactions of Diomiculal Engineering Vol 41 No 9 mm 725 749 (1999)	
	11		ÇŲ	1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	$\dashv$
	$\Psi$	•		Total Signal Processing Technique: IEEE Transactions on Mognetics, Vol. 24.	
$\vdash$			<u></u>		
	0 /		CR	THOMAS, I.M., ET AL.; Spatial Resolution and Sensitivity of Magnetic Susceptibility	4
L	4/1/4	5		Imaging; IEEE Transactions on Applied Superconductivity, Vol. 3, No. 1, (1992).	1
_	V .			64. 1	╛

Examiner Signature: Elevella filland

Date Considered:

5/20/04

Modified Form 1449 12-20129.frm

Page 3 of 3

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique number. <sup>2</sup>Kind of patent document. <sup>3</sup>Two letter WIPO code. <sup>4</sup>JP documents must include year. <sup>5</sup>WIPO kind code. <sup>6</sup>English translation attached.